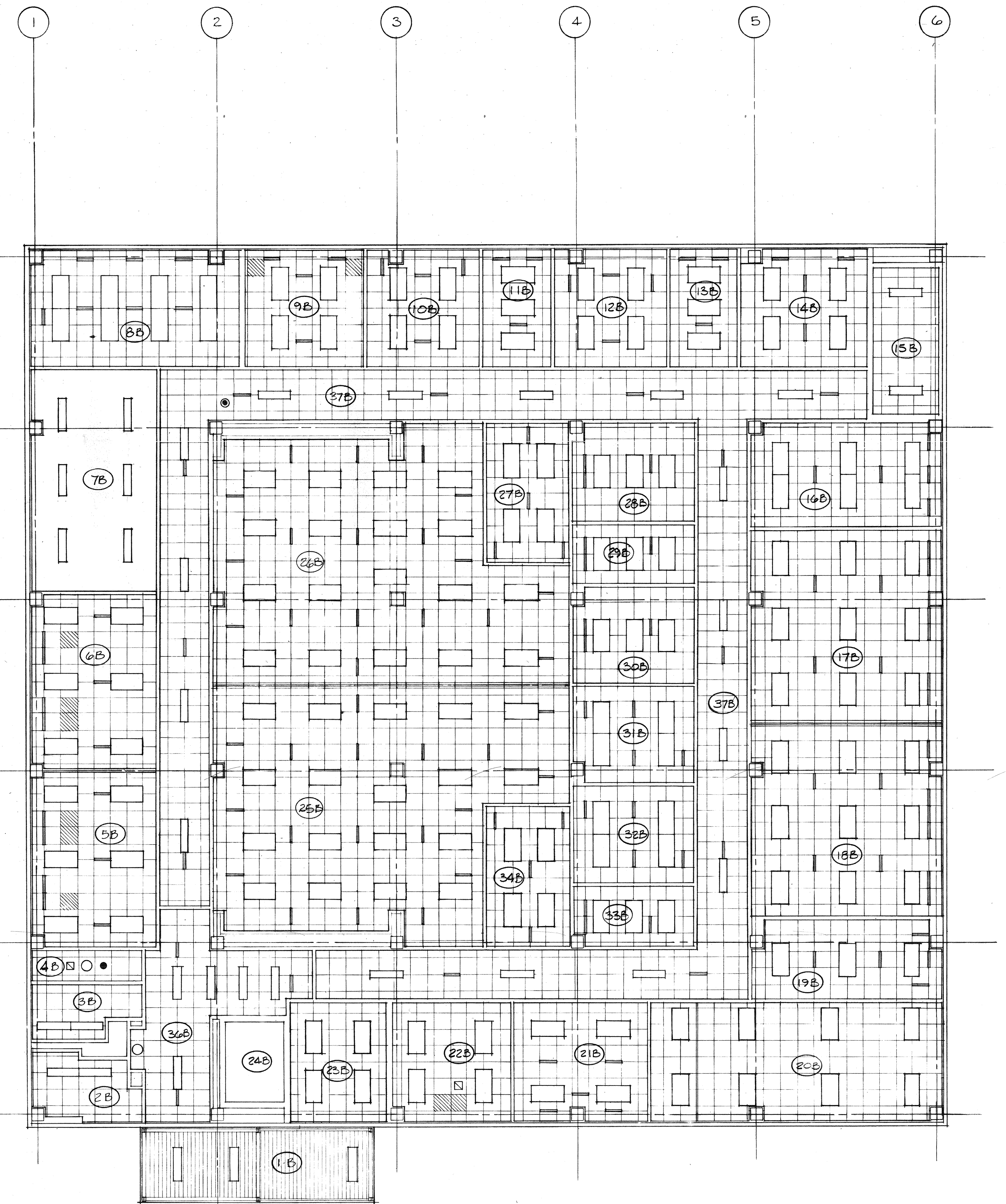


GROUND FLOOR REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"

The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize themselves with the actual construction prior to submission of bid. See the demolition drawings for additional information.



FIRST FLOOR REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"

# LEGEND

- RADIANT CEILING PANEL
- RETURN/SUPPLY AIR SLOTS
- RETURN AIR DUCT
- 1'x4' SURFACE MOUNT LIGHTING FIXTURE
- 2'x4' SURFACE MOUNT LIGHTING FIXTURE
- INCANDESCENT LIGHTING FIXTURE
- KODAK SAFE LIGHT
- VINYL FOLDING PARTITION TRACK
- SOUNDPROOF FOLDING PARTITION TRACK
- SPRINKLER HEAD
- ⊙ EMERGENCY SHOWER

2-9-1-1594

FOR THE ARCHITECT'S INFORMATION  
THIS SET OF DRAWINGS HAS BEEN  
PREPARED AS INDICATED HEREIN.

DATE: 2/22/77  
BY: [Signature]  
BUILD # 307

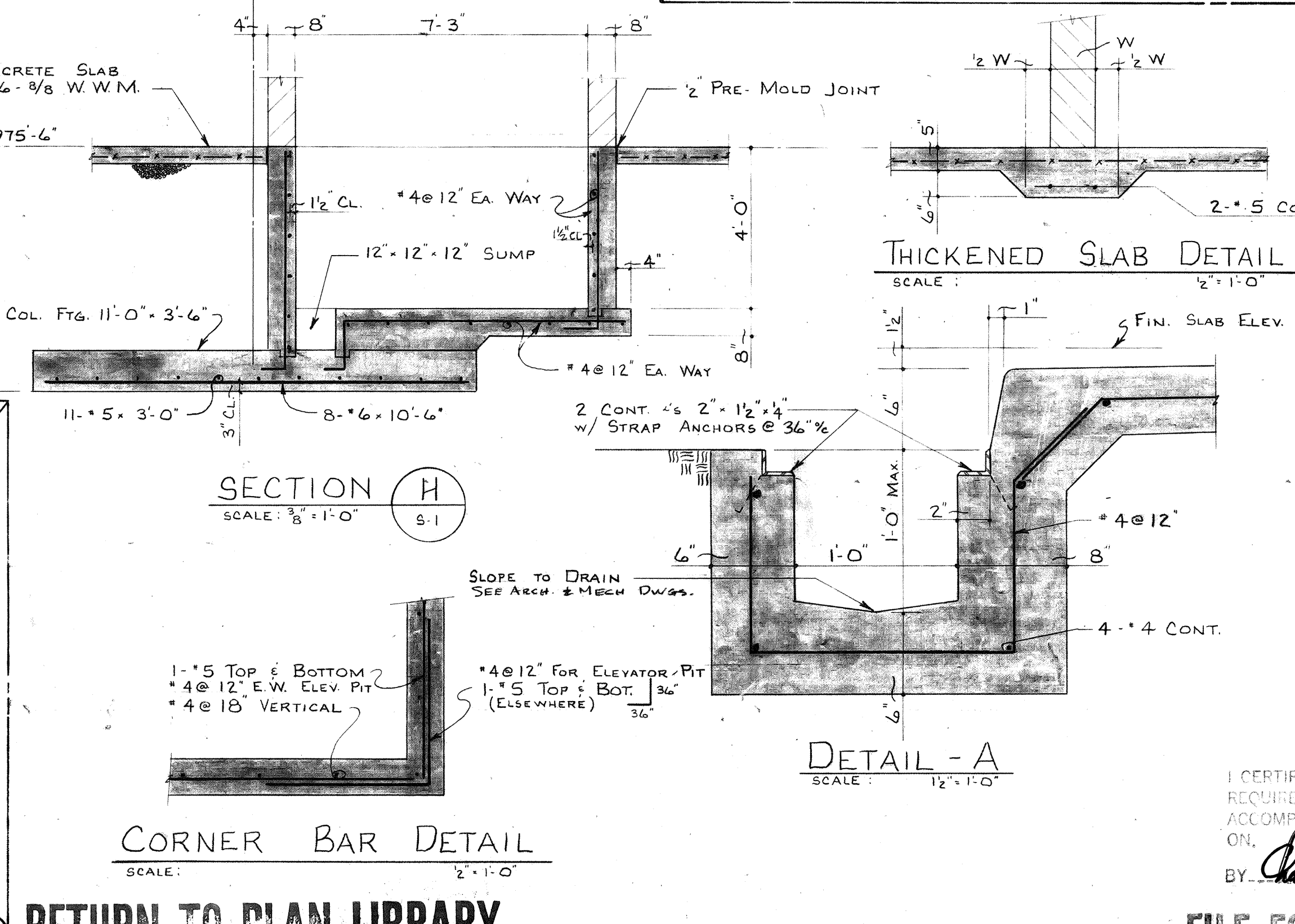
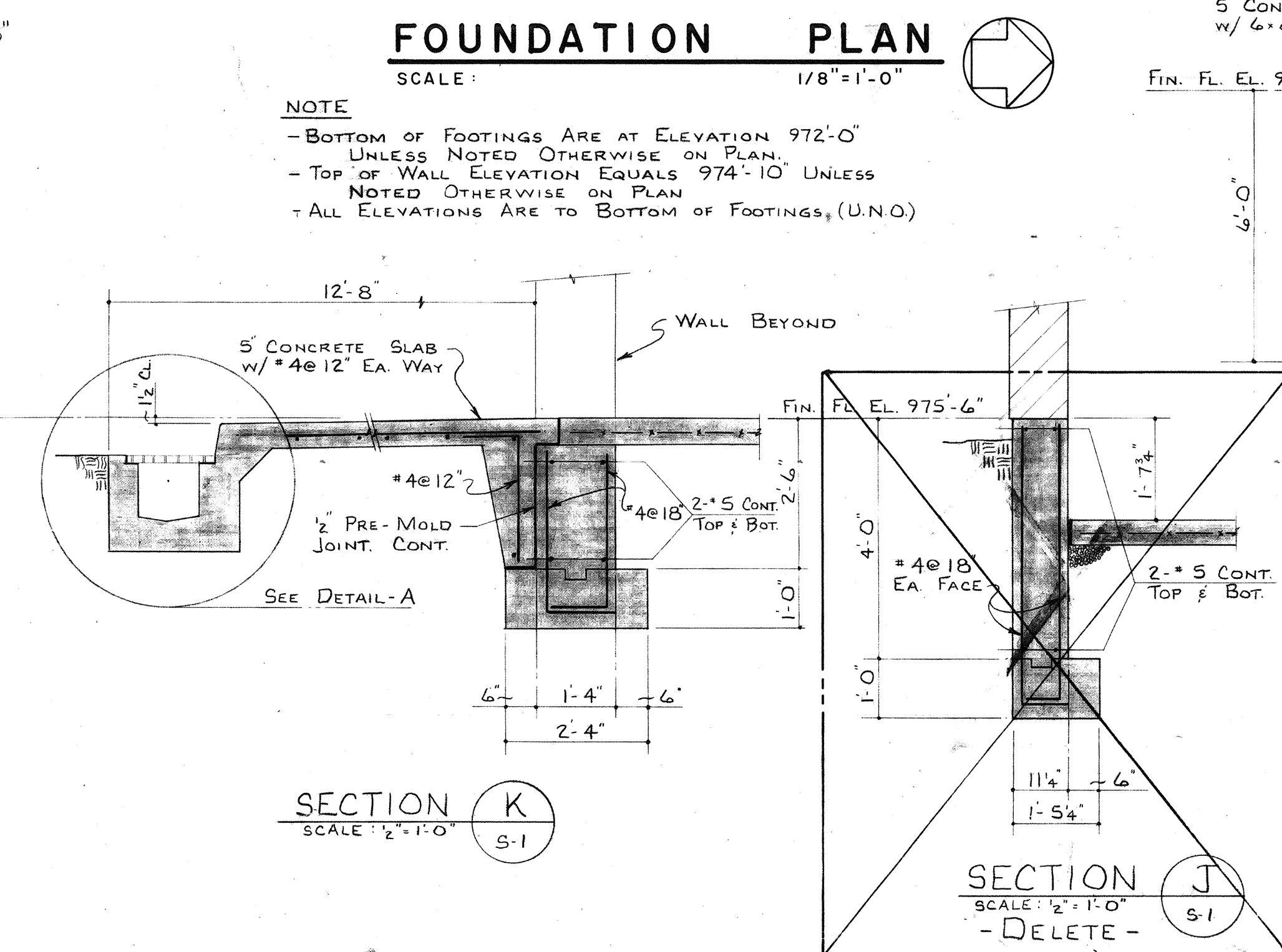
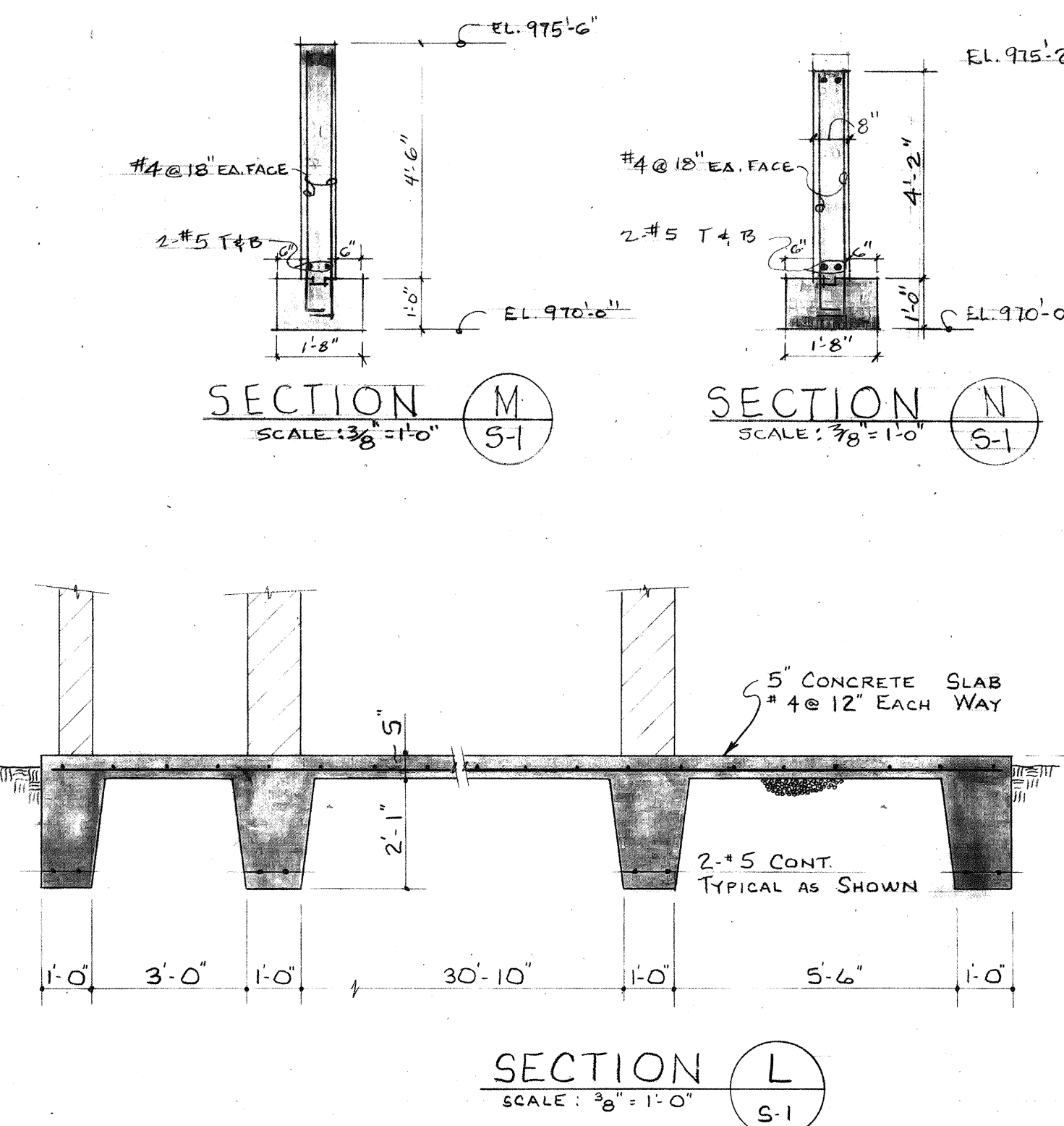
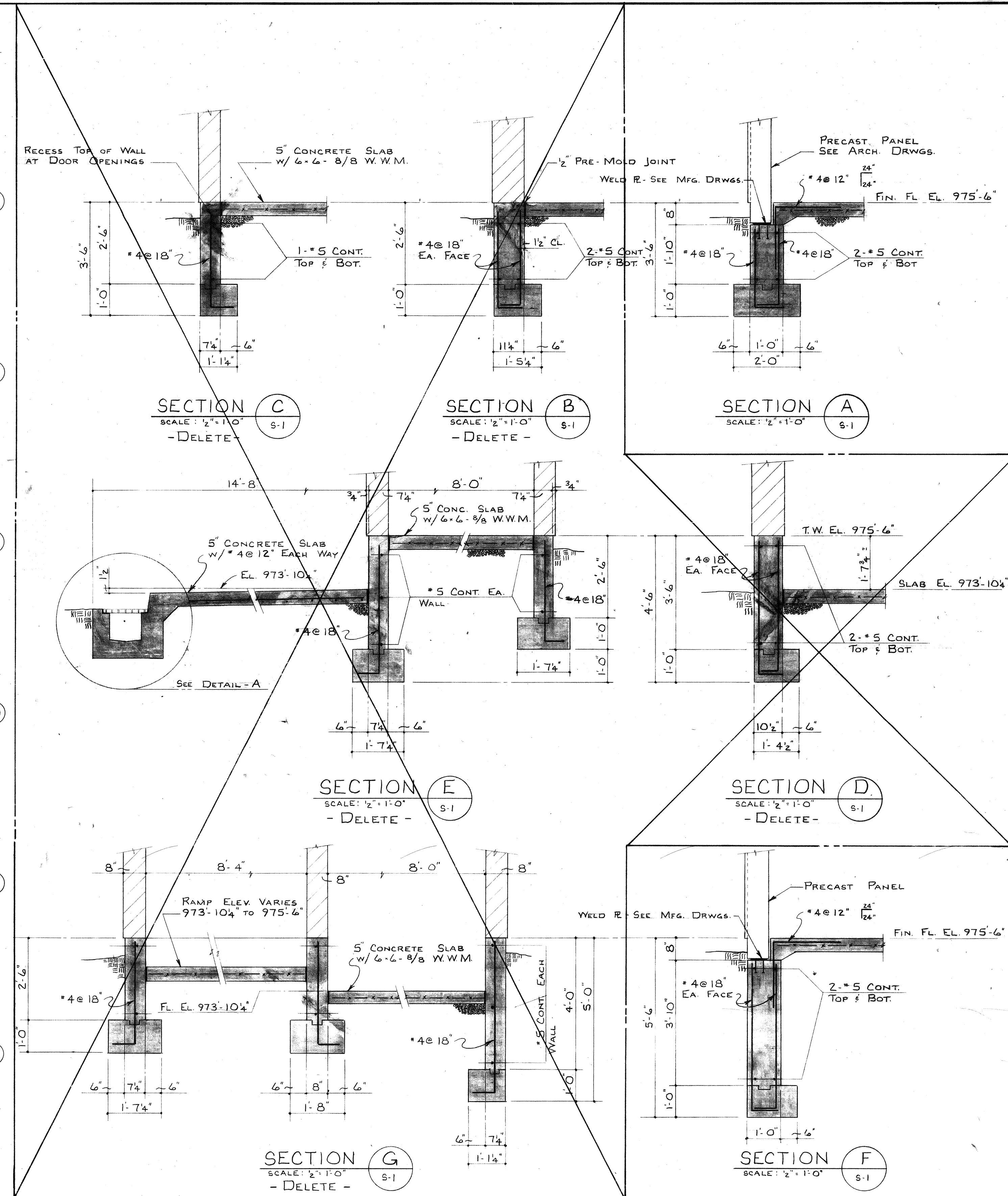
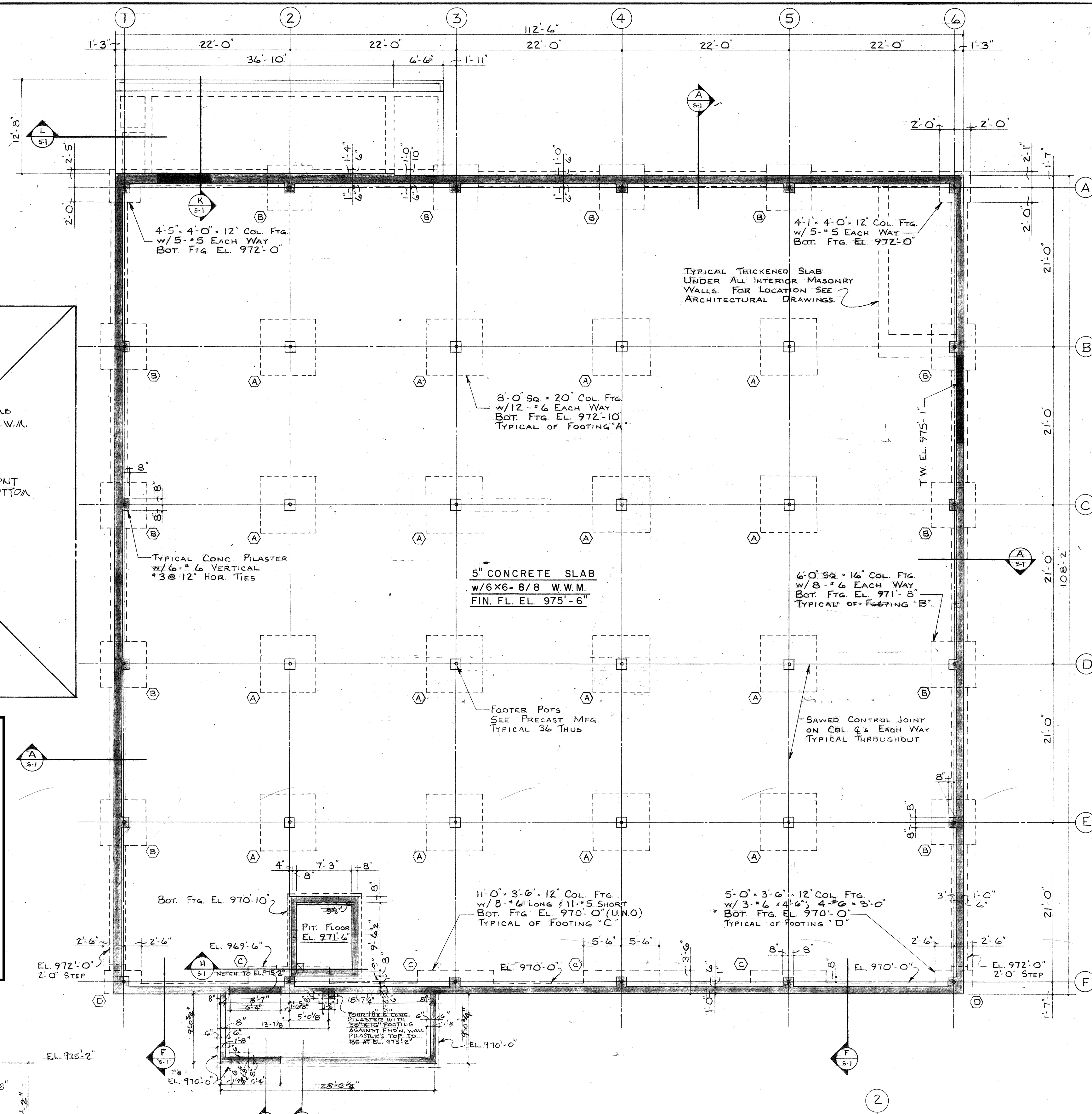
REFLECTED CEILING PLANS		SHEET
EDUCATIONAL BUILDING FOR THE VETERANS ADMINISTRATION CENTER DAYTON, OHIO		11 OF 11
DANIS INDUSTRIES CORPORATION 1801 E. FIRST ST. DAYTON, OHIO		
DATE: 10/26/75	DRAWN BY: [Signature]	CHECKED BY: [Signature]

REV. 2/14/77

RETURN TO PLAN LIBRARY

FILE FOLDER NO. 4B

The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize themselves with the actual construction prior to submission of bid. See the demolition drawings for additional information.



**STRUCTURAL NOTES**

- 1) DESIGN UNIFORM LIVE LOADS: ROOF FLOOR: 25 p.s.f. FIRST FLOOR: 100 p.s.f.
- 2) ASSUME DESIGN SOIL PRESSURE: ISOLATED FOOTINGS: 3000 p.s.f. CONT. WALL FOOTINGS: 2000 p.s.f.
- 3) CONCRETE SHALL ATTAIN 3000 p.s.i. ULTIMATE 28 DAY COMPRESSIVE STRENGTH.
- 4) CONCRETE WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST AMERICAN CONCRETE INSTITUTE RECOMMENDATIONS.
- 5) REINFORCING STEEL SHALL CONFORM TO A.S.T.M. A-615-72; GRADE 60.
- 6) STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH DRAWINGS PREPARED BY THE ARCHITECT AND THE PRECAST MFG.
- 7) DESIGN WIND LOAD: 20 p.s.f.
- 8) SEISMIC LOAD IN ACCORDANCE WITH THE U.B.C. CODE, EARTHQUAKE ZONE: 2.

2-9-1-1597

**FOUNDATION PLAN**

**EDUCATIONAL BUILDING FOR THE VETERANS ADMINISTRATION CENTER DAYTON, OHIO**

**DANIS INDUSTRIES CORPORATION**  
1801 E. FIRST ST.  
DAYTON, OHIO

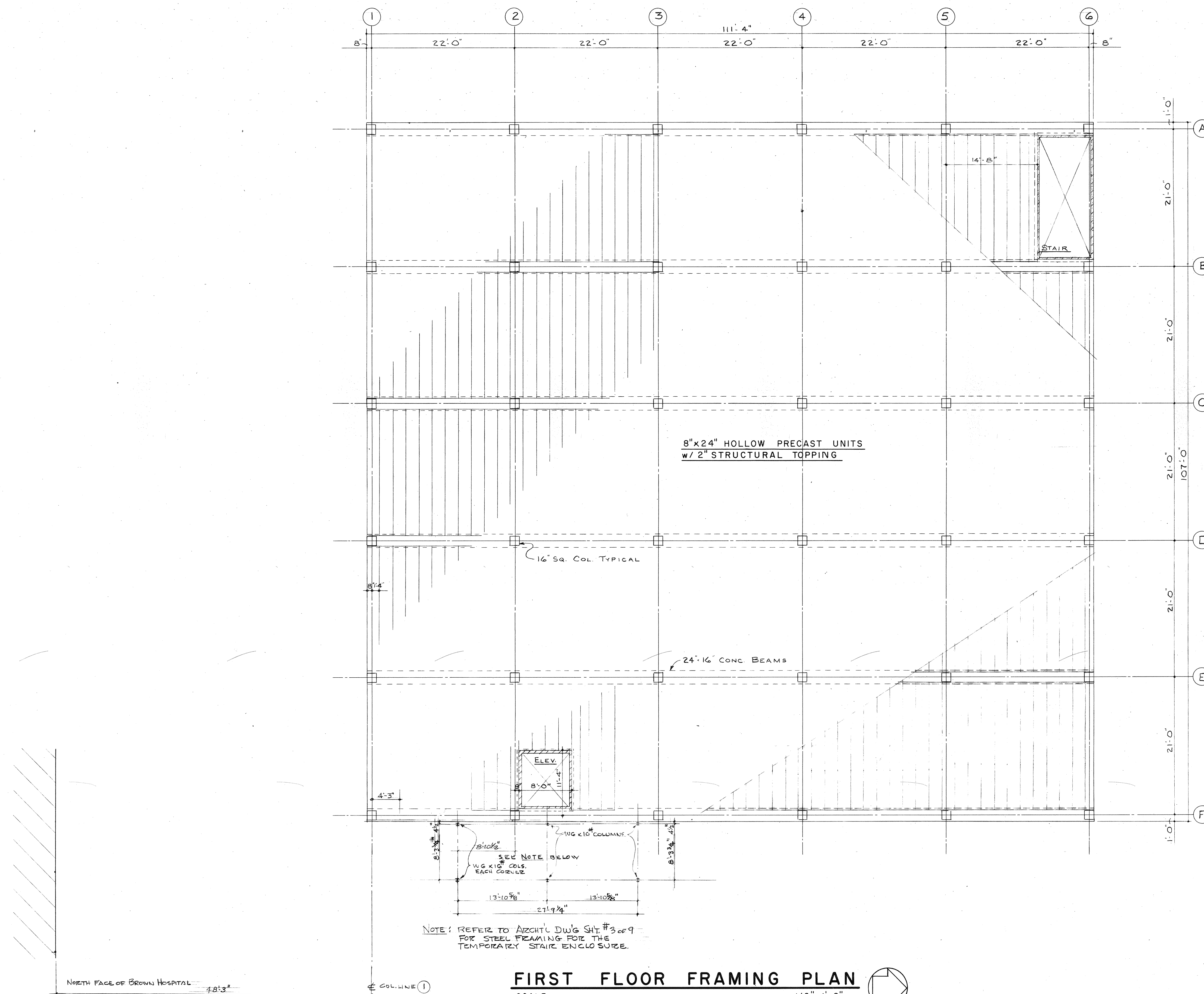
DATE: AUGUST 21, 1975  
DRAWN BY: R.J.H.  
CHECKED BY: R.G.S.

SHEET 5-1 OF 3  
552-079

REV: V2716, 3/15/76, 4/7/76, 5/14/76

RETURN TO PLAN LIBRARY

FILE FOLDER NO. 4B



The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize themselves with the actual construction prior to submission of bid. See the demolition drawings for additional information.

2-9-1-1598

I CERTIFY THAT ALL CONSTRUCTION  
REQUIRED ON THIS SHEET HAS BEEN  
ACCOMPLISHED AS INDICATED HERE-  
ON.  
BY: *Chub E. Jay* DATE: *2/22/77*

Bldg. # 307			
FIRST FLOOR FRAMING PLAN			
EDUCATIONAL BUILDING			
FOR THE VETERANS ADMINISTRATION CENTER			
DAYTON, OHIO			
DANIS INDUSTRIES CORPORATION			
1801 E. FIRST ST. DAYTON, OHIO			
DATE: AUGUST 21, 1975	DRAWN BY: R.J.H.	CHECKED BY: C.E.J.	SHEET 9-2 OF 3
REV: 1/2/76 REV 3-15-76			552-079

RETURN TO PLAN LIBRARY

FILE FOLDER NO. 4B



2-9-1-1599

I CERTIFY THAT ALL CONSTRUCTION  
RECORDED ON THIS SHEET HAS BEEN  
ACCOMPLISHED AS INDICATED HERE,  
ON.

BY: Paul E. De... DATE: 2/22/77

BLDG. # 307

5076-1-307 ROOT FRAMING PLAN			
EDUCATIONAL BUILDING FOR THE VETERANS ADMINISTRATION CENTER DAYTON, OHIO		SHEET 5-3 OF 3	
DANIS INDUSTRIES CORPORATION 1801 E. FIRST ST. DAYTON, OHIO			
DATE : AUGUST 21, 1975	DRAWN BY R.J.H.	CHECKED BY C.E.S.	552-079
REV. 1/2/76 3/15/76, 2/14/77			

**RETURN TO PLAN LIBRARY**

**FILE FOLDER NO. 4B**

# LEGEND ELECTRICAL

- D — EXISTING DUCT LINE - INSTALL IN SPACE DUCT 3 1/2" 1/2" COLP 15 KV CABLE.
- S — SIGNAL DUCT - 2 WAY 4" DUCT
- EL — EXISTING STREET LIGHT CABLE - NO CHANGE
- XL — EXISTING STREET LIGHT CABLE - DISCONNECT & ABANDON.
- N — NEW STREET LIGHT CABLE - 5 KV SHIELDED 2 1/2" 1/2" OZONE RESISTANT RUBBER INSULATION WITH GEOPRENE JACKET (OR APPROVED EQUAL) IN 3" PVC CONDUIT.
- ⊗ EXISTING STREET LIGHT STANDARD - McGRATH EDISON #46440 SP.

# LEGEND PLUMBING

- C — COLD WATER SUPPLY
- H — HOT WATER SUPPLY
- R — HOT WATER RETURN
- S — SOL. AND/OR WASTE
- V — VENT
- AV — ACID WASTE
- AV — ACID WASTE VENT
- S — STORM DRAINAGE
- G — GAS LINE
- CA — DRY VACUUM (CLINICAL)
- B — BALL VALVE
- BV — BALANCING VALVE
- G — GAS VALVE
- D — DOWNSPOUT
- R — ROOF DRAIN
- V — VACUUM OUTLET (CLINICAL)
- A — AIR OUTLET (CLINICAL)
- G — GAS OUTLET
- F — FIXTURE DESIGNATION
- R — ROOM NUMBER
- A — ACID WASTE ISOMETRIC DESIGNATION
- W — WATER ISOMETRIC DESIGNATION
- S — SANITARY ISOMETRIC DESIGNATION
- S — FIRE SPRINKLER LINE
- S — SPRINKLER HEAD
- S — FIRE HOSE CABINET

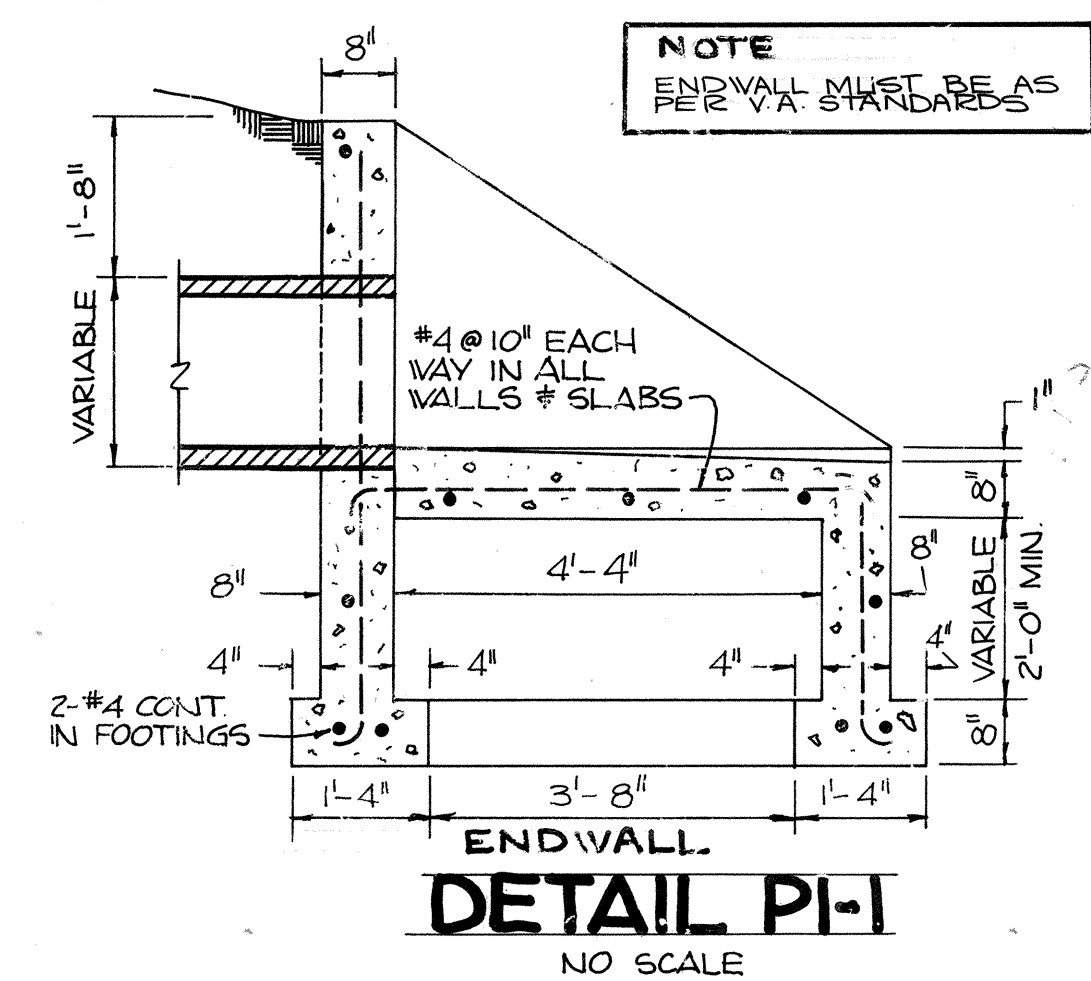
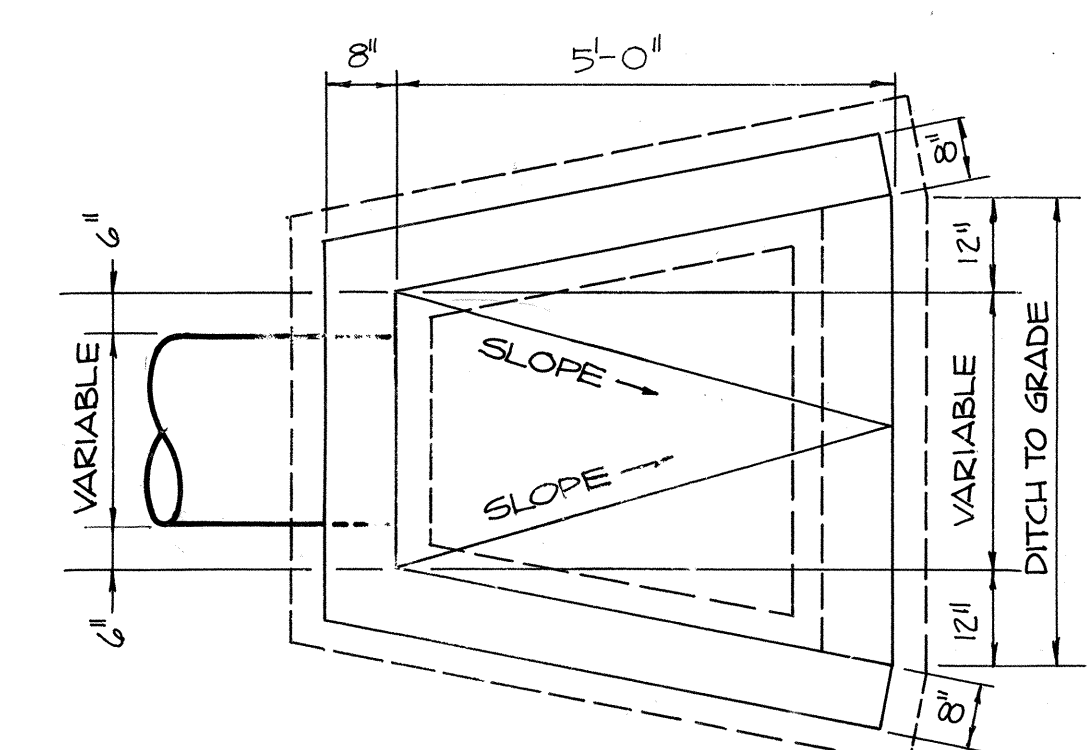
# FIXTURE SCHEDULE

UNIT	DESCRIPTION	SUPPLY HOT	GOLD	WASTE	TRAP	VENT
P.1	WATER CLOSET	1 1/4"	4"	INT.	2"	
P.2	URINAL	3/4"	2"	INT.	1 1/2"	
P.3	LAVATORY	1/2"	1 1/2"	1 1/4"	1 1/4"	
P.4	LAB. SINK **	1/2"	1 1/2"	1 1/4"	1 1/4"	
P.5	WATER COOLER	1/2"	1 1/4"	1 1/4"	1 1/4"	
P.6	PRINT WASHER **	1/2"	1 1/4"	IND.		
P.7	3/8" SINK WITH DISPOSER **	1/2"	1 1/4"	2"	1 1/4"	1 1/2"
P.8	SERVICE SINK - CORNER TYPE	1/2"	1 1/4"	3"	3"	1 1/2"
P.9	DOUBLE COMP SINK **	1/2"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
P.10	SINGLE COMP SINK **	1/2"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
P.11	STERILIZER **	1/2"	2"	2"	1 1/2"	
P.12	LAB SINK **	1/2"	1 1/4"	1 1/4"	1 1/4"	
P.13	EYE WASH	3/4"	1 1/2"	1 1/4"	1 1/4"	
P.14	EMER. SHOWER	1"				
P.15	GLASSWARE WASHER **	3/4"	2"	2"	1 1/2"	

# DRAIN SCHEDULE

SYMBOL	SEE PLUMBING SCHEDULE FOR ADDITIONAL SYMBOLS	OUTLET SIZE	CAULK	THREAD	TOP SIZE	N.B. TOP	P.B. TOP	C.I. TOP	CLAMP DEVICE	SEMENT BUCKET	EXTENSION	DECK CLAMP	BEARING PAN	REMARKS
FD		1/2"												
FD 2		1/2"												
FD 3		1/2"												
FD 4		1/2"												THIS DRAIN SHALL BE ACID RESISTANT
FD		1/2"												

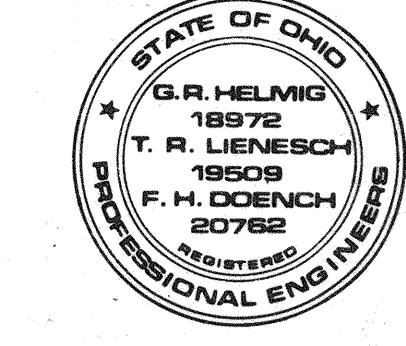
\*\* INDICATES FIXTURES N.C.A. BUT SHALL BE RAUGHED IN UNDER THIS CONTRACT, CAP RAUGH IN AS REQUIRED AT WALLS.



DETAIL P1-1  
NO SCALE

The following drawings are original construction drawings for Building 307. They are included in this set for the contractor's use in understanding the construction of Building 307 and reflect the construction intent at the time the Building was erected. Building was originally a free standing building attached to Building 300 (now demolished). Buildings 310, 315 and 340 were built adjacent to Building 307 in subsequent years. Various changes to Building 307 have taken place since the building was first erected and are not reflected in these drawings. It is the contractor's responsibility to familiarize himself with the actual construction prior to submission of bid. See the demolition drawings for additional information.

I CERTIFY THAT ALL CONSTRUCTION REQUIRED ON THIS SHEET HAS BEEN ACCOMPLISHED AS INDICATED HEREON.  
BY: *John E. Jay* DATE: 2/22/77



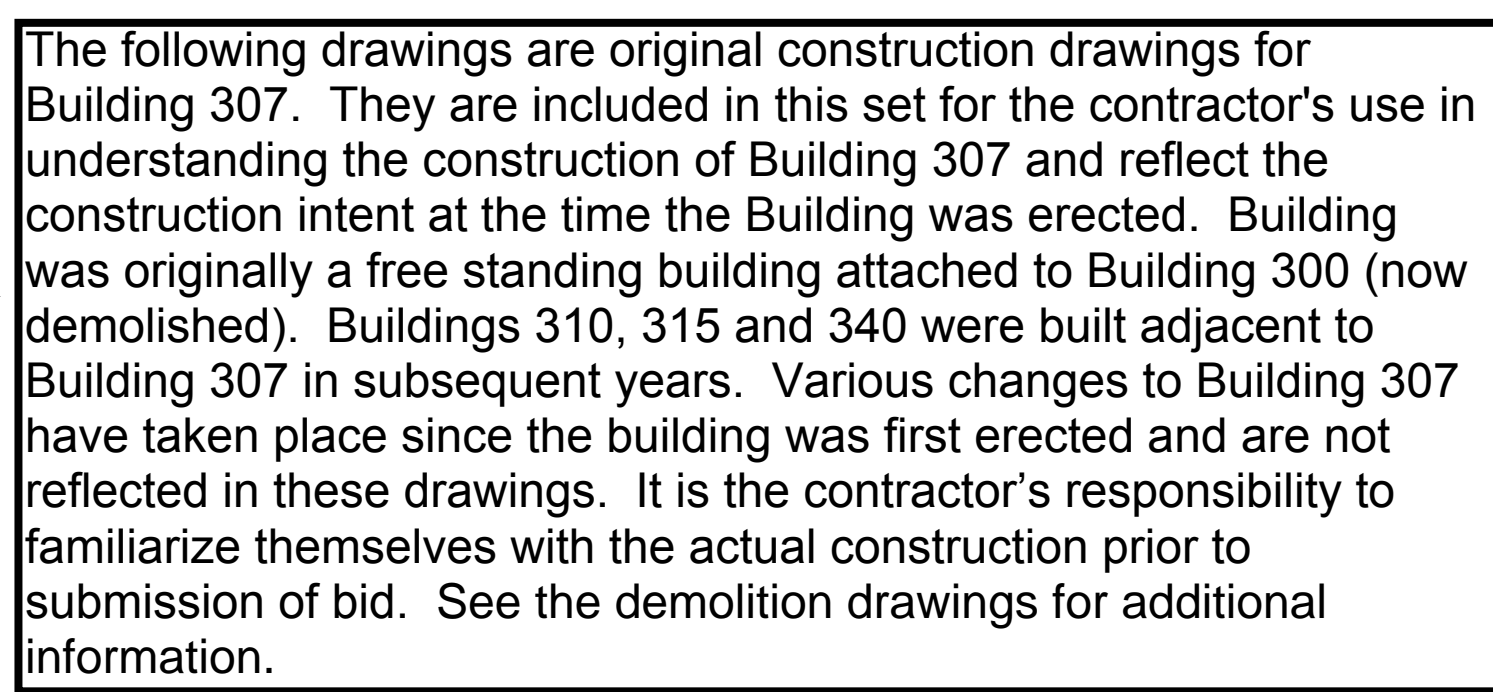
HELMIG, LIENESCH, DOENICH & ASSOCIATES  
REGISTERED PROFESSIONAL ENGINEERS

MECHANICAL PLOT PLAN		SHEET P-1 OF 4
EDUCATIONAL BUILDING FOR THE VETERANS' ADMINISTRATION CENTER DAYTON, OHIO		
DANIS INDUSTRIES CORPORATION 1801 E. FIRST ST. DAYTON, OHIO		552-079
DATE: AUGUST 21, 1975 DRAWN BY: L.B. CHECKED BY: L.B.		

REVISED: 1-2-76, 1-5-76, 3-15-76, 1-6-76, 7-28-76, 8-10-76, 9-23-76

RETURN TO PLAN LIBRARY

FILE FOLDER NO. 7



SCALE:  $1/8" = 1'-0"$



NO SCALE

NO SCALE

① THIS PIPING LOCATED BELOW FLOOR OF THIS FLOOR PLAN.

② THIS PIPING LOCATED ABOVE CEILING OF THIS FLOOR PLAN.

③ WALL HYDRANT, SEE SPECIFICATIONS

④ TERMINATE M<sup>6</sup> GAS PIPE WITH VALVE, 5'0" ABOVE SLAB.  
REMOVE GROUND VALVE BY SETTING BY OWNER.

⑤ RISE TO FIXTURE ABOVE, SEE 1ST FLOOR PLAN.

⑥ NEW CONNECTION TO EXISTING HOT WATER PIPING ABOVE CORRIDOR  
CEILING. PROVIDE VALVE AT CONNECTION. VERIFY EXACT  
LOCATION AND CONDITIONS ON JOB SITE.

⑦ NEUTRALIZATION TANK, SEE DETAIL P-1

⑧ APPROVED BACK FLOW PREVENTOR, 65GPM MAX @ 8 PSI DROP

⑨ SEE SHEET P-1.

⑩ TERMINATE FIRE LINE APPROX. 12" A.F.F., CONTINUED ON  
SPRINKLER DRAWING.

⑪ FIRE CLINICAL VACUUM UP IN EXIST. PIPE SPACE AND CONNECT  
TO MAIN DRAIN. VERIFY LOCATION AND MAKE CONNECTION  
VERIFY RUN AND LOCATION AT JOB SITE.

⑫ DROP TO BELOW GROUND FLOOR SLAB, SEE SH. P-2.

⑬ PROVIDE LINE SIZE SHUT OFF VALVE AND BCK IN WALL,  
MOUNT APPROX. 52" A.F.F., SEE SPECS.

⑭ NEW CONNECTION TO EXISTING PIPING, VERIFY EXACT  
LOCATION AND CONDITIONS AT JOB SITE.

⑮ NEW CONNECTION, VERIFY LOCATION AT JOB SITE.

⑯ ABANDON EXISTING COLD WATER MAIN.

⑰ REMOVE AND INSTALL AN APPROVED FROST PROOF FIRE  
HYDRANT.

⑱ DROP TO FLOOR BELOW, SEE SHEET P-2 FOR CONTINUATION.

⑲ RUN 1" COND. DRAIN FROM COIL AND INDIRECT INTO FLOOR  
DRAIN

⑳ CLINICAL AIR COMPRESSOR, SEE SPEC'S.

㉑

㉒

㉓ ENDWALL, SEE DETAIL P-1)

㉔ DISCONNECT AND REMOVE EXISTING CATCH BASIN, CAP  
PIPING AT MAIN.

㉕ FURNISH AND INSTALL NEW 2" ØA REINFORCED CONC. CATCH  
BASIN PER V.A. STANDARDS. EXIST. FRAME CONSTRUCTED  
BY CONTRACTOR.

㉖ RELOCATED STREET LIGHT STANDARD TO BE RELOCATED BY  
ELEC. CONTRACTOR.

㉗ RELOCATED STREET LIGHT STANDARD, ELEC. CONTR. TO  
PROVIDE WELD BASE AND BRACKET FOR EXISTING.

㉘ SEE SHEET E-1 FOR CONTINUATION.

㉙ TELEPHONE CONDUIT ENCASED IN CONCRETE BY ELEC.

㉚ NEW TRANSFORMER PAD BY ELEC. CONTR., SEE DETAIL E-3.3.

㉛ NEW SIGNAL MANHOLE #102 BY ELEC. CONTR., SEE DETAIL E-3.1

㉜ NEW DUAL MANHOLE #101 BY ELEC. CONTR., SEE DETAIL E-3.2

㉝ EXISTING STREET LIGHT STANDARD TO REMAIN.

㉞ 2 FOOT HEADS AND 2" ØA POWER, SEE DETAIL E-3.3 FOR  
CONDUIT ARRANGEMENT.

㉟ POINT OF CONNECTION TO EXISTING FIRE ALARM LOCATION  
CONCEALED ABOVE SUSPENDED CEILING.

㊱ PLUMBING CONTR. SHALL CONCEAL TO CONDENSATE  
DRAINAGE W/OUT RUNNING ADDITIONAL LEAD AND  
RETURN FLOOR TO FLOOR DRAIN. INDIRECT AT FLOOR

㊲ LAB GAS OUTLETS FURNISHED ROUGH-IN AND CONNECTED  
AT CEILING LINE INDICATED.

㊳ CAP AND WASTE 1/2" COLD WATER ABOVE FINISHED FLOOR.  
CAP 1/2" WASTE PIPING AT MAIN ONE AS REQUIRED.  
FURNISH GLASSABLE FLARE CONNECTION TO FUME HOOD.  
CEILING FLEXIBLE CONNECTION TO OTHERS TO FUME HOOD.  
SEE ISOMETRICS.

㊴ ALTERNATE CLINICAL VACUUM PUMP, SEE PLUMB. ALTERNATE-1

㊵ OMIT THIS VACUUM PIPING IF VACUUM PUMP, PLUMB. ALTERNATE  
NO. 1 IS ACCEPTED.

㊶ NEW MANHOLE MUST BE CONSTRUCTED AS PER  
V.A. STANDARDS.

㊷ CURB INLET TYPE CATCH BASIN AS PER V.A. STANDARDS

㊸ NEW CONNECTION TO EXIST HOT WATER RETURN PIPING ABOVE CORRIDOR CEILING. PROVIDE  
FLAMING GAS CONNECTION VERY EXACT LOCATION & CONDITIONS AT JOB SITE

㊹ WATER MOTOR ALARM BELL.

㊺ PITCH PIPING FROM THIS POINT AT 2% FALL.

㊻ CAP 1" SPRINKLER LINE AT FUME HOOD, CONNECTION BY  
OWNER.

㊼ WHEEL CHAIR DRINKING FOUNTAIN, SEE DETAIL 4-C AND  
SEE SHEET P-4.

㊽ WHEEL CHAIR LAVATORY, SEE DETAIL 15, SHEET P-4

㊾ FURNISH AND INSTALL FIRE APPARATUS CABINET, FULL  
SIZE BOTTLE, 15 LB. PLUS 10' EXTENSION HOSE  
RACK 100 FT. OF SINGLE JACKET NEOPRENE LINED  
HOSE AVAILABLE. FURNISH 10' EXTENSION HOSE  
SPANNER, WRENCH AND SPACE FOR A 2 1/2 GALLON FIRE  
EXTINGUISHER, FULL CLEAR GLAZED 1/8 INCH THICK  
GLASS DOOR. FIRE EXTINGUISHER FURNISHED  
BY OWNER.

㊿ PIPING RUNNING BETWEEN EXISTING AND NEW BUILDING  
TO BE SUSPENDED FROM EXIST. CANOPY. RUN PIPING  
PARALLEL AND ADJUNCT TO HEATING PIPING. SHEET  
METAL ENCLOSURE FOR ALL PIPING TO BE FURNISHED  
AND INSTALLED BY THE HEATING CONTR.

1 PLUMBING CONTR. SHALL PROVIDE 1/2" CLASS "C" INSULATION  
ON CLINICAL VACUUM PIPING RUN AT EXIST. CANOPY. SEE  
SPEC'S.

2 CAP PIPING AT WALL 30" ABOVE FINISHED FLOOR FOR CONNECTION  
BY OTHERS.

3 PROVIDE FURZON #3501-ABF OR EQUAL ACID RESISTENT FLOOR  
DRAIN 3" OUTLET WITH FLANGE AND SEDIMENT BUCKET.

2-9-1-1600

BLDG. #307

### GROUND FLOOR PLAN

EDUCATIONAL BUILDING  
FOR THE  
VETERAN'S ADMINISTRATION CENTER  
DAYTON OHIO

DANIS INDUSTRIES CORPORATION

1801 E. FIRST ST. DAYTON, OHIO

DATE : AUGUST 21, 1975	DRAWN BY: R. E. D.	CHECKED BY: L. PA.
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REVISED 1-2-76, 1-9-76, 3-15-76, 6-30-76, 7-16-76.

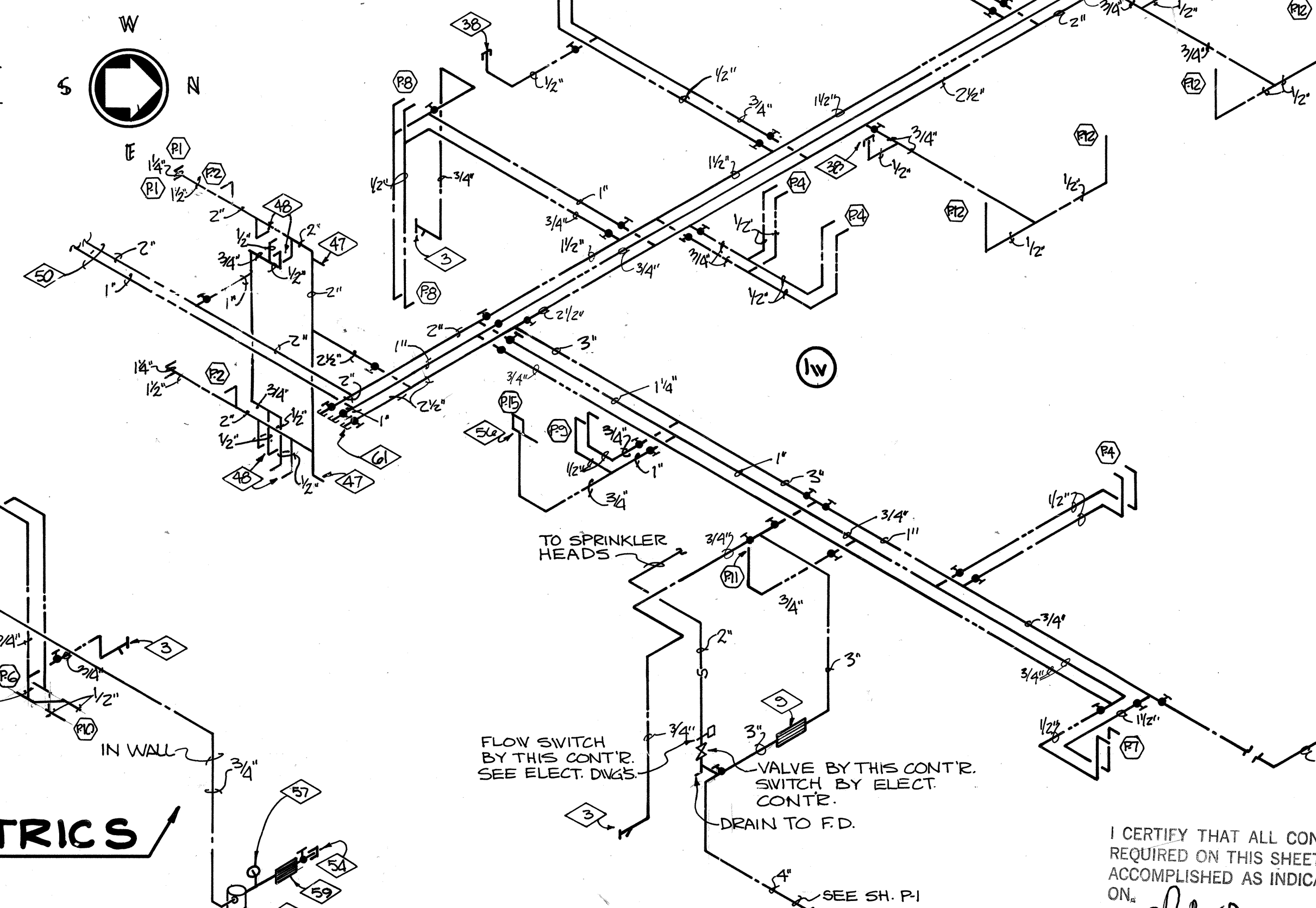
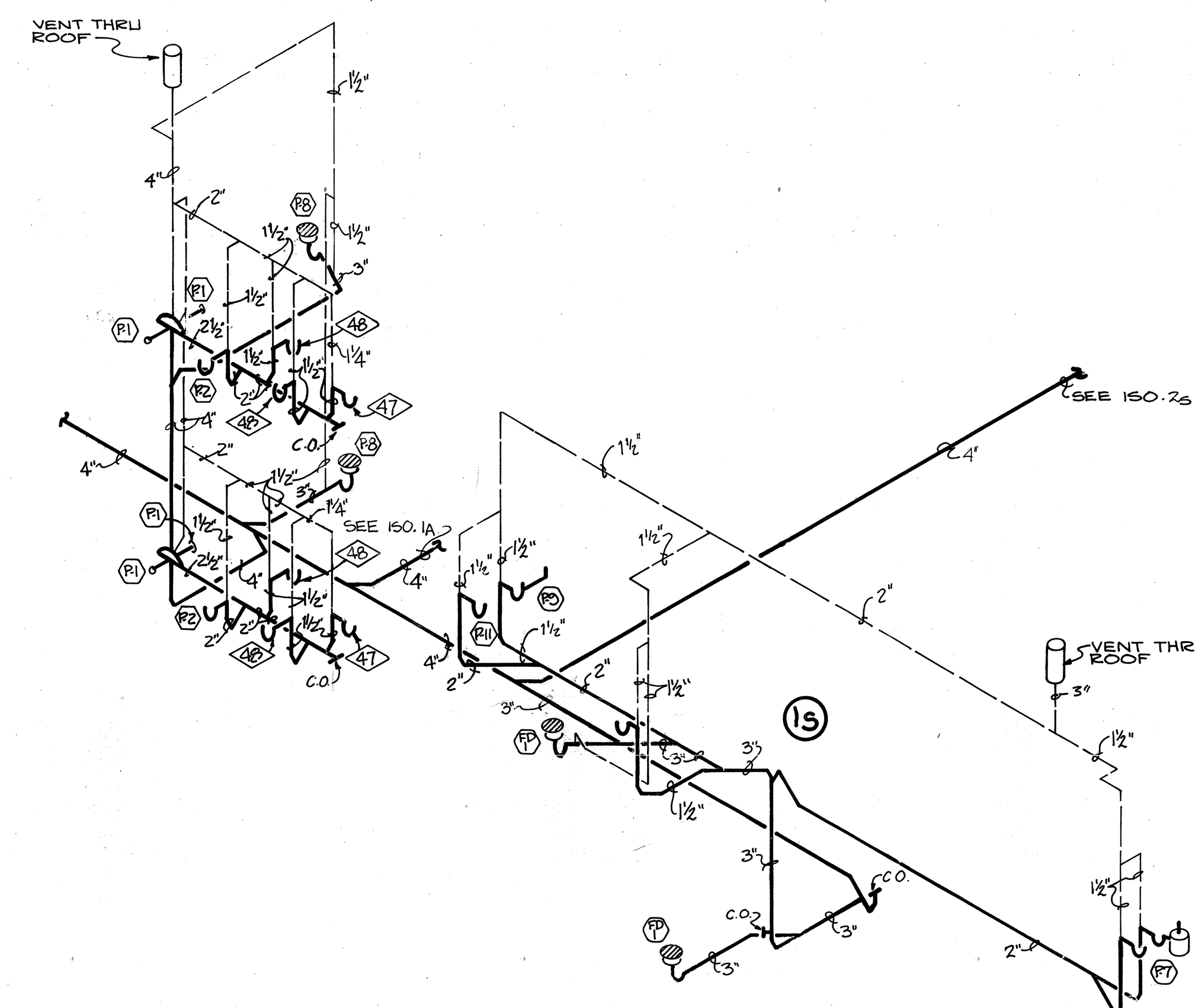
9-9-76, D-23-76

SHEET  
P-2  
OF  
4

[illegible]

552-019

28-76 E-10

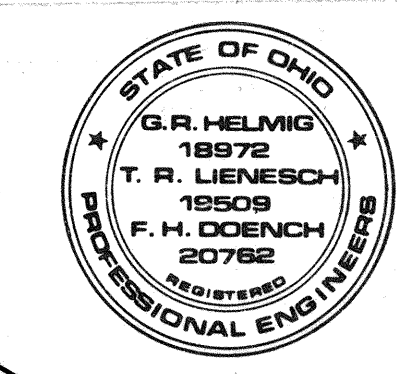


## SANITARY ISOMETRICS

# WATER ISOMETRICS

I CERTIFY THAT ALL CONSTRUCTION  
REQUIRED ON THIS SHEET HAS BEEN  
ACCOMPLISHED AS INDICATED HERE-  
ON.

BY: Charles E. Gray DATE 2/23/17



FIRST FLOOR PLAN				SHEET	
EDUCATIONAL BUILDING				P-3	
FOR THE VETERAN'S ADMINISTRATION CENTER				OF	
DAYTON OHIO				4	
DANIS INDUSTRIES		CORPORATION			
1801 E. FIRST ST.		DAYTON OHIO			
#	DATE	August 21, 1975	DRAWN BY R.E.B.	CHECKED BY: L.F.A.	552-079
REVISED	1-2-76,	1-8-76,	3-15-76,	7-20-76,	7-22-76,
					8-10-76